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## United States Department of Agriculture


### MONTHLY LIST OF PUBLICATIONS<sup>1</sup>

DECEMBER, 1929

#### Send no remittances to the U. S. Department of Agriculture

A copy of any of the general publications listed herein, except those otherwise noted, may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts. Free distribution of periodicals is restricted.

After the department's supply is exhausted, publications may still be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., but by purchase only, and at the price stated herein.

 Send all remittances to the Superintendent of Documents direct. His office is not a part of the Department of Agriculture.

#### GENERAL PUBLICATIONS

##### FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

**Production of clean milk.** (With slight revisions.) Ernest Kelly, Bureau of Dairy Industry. 18 p., figs. 10. (Farmers' Bulletin 602 F Revised.) Price, 5¢.

**Larkspur or "poison weed."** C. Dwight Marsh, A. B. Clawson, and Hadleigh Marsh, Bureau of Animal Industry. 13 p., figs. 6. (Farmers' Bulletin 988 F., Revised.) Price, 5¢.

Describes species of larkspur and gives measures which should be taken to reduce losses of cattle from poisoning.

**Poultry keeping in back yards.** M. A. Jull and A. R. Lee, Bureau of Animal Industry. 29 p., figs. 26. (Farmers' Bulletin 1508 F Revised.) Price, 10¢.

Covers briefly the management of back-yard and suburban flocks including the selection of a breed of chickens; incubation and brooding; feeding, with special emphasis on the care of young chicks and feeding for egg production; construction of coops and small houses; description of equipment of houses and the control of diseases and parasites.

##### LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletins, except that the leaflets are confined to specific practical directions, recommendations, remedies, and methods. They are brief and concise, written in informal, popular style, and are limited to eight pages.

**Play suits for winter.** Bess M. Viemont, Bureau of Home Economics. 8 p., figs. 9. (Leaflet 54 L.) Price, 5¢.

One-piece protective suits designed by the Bureau of Home Economics especially for nursery school children, but equally adapted for home wear. The leaflet is intended for the use of homemakers, clothing specialists in the extension service, and child specialists who are working for the adoption of more hygienic types of children's clothing.

##### TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited, as they are intended primarily for scientific workers and subject-matter specialists.

**Red-Squill powders as raticides.** J. C. Munch, pharmacologist, and James Silver and E. E. Horn, Bureau of Biological Survey. 36 p., pl. 1. (Technical Bulletin 134 T.) Price, 10¢.

Since animals other than rats usually refuse to eat red squill in the concentrations used for rat baits, it approaches the ideal rat poison. This is the report of an investigation for the production of a potent red-squill preparation.

**The corn borer in Central Europe.** A review of investigations from 1924 to 1927. K. W. Babcock and A. M. Vance, Bureau of Entomology. 55 p., figs. 3, pls. 10. (Technical Bulletin 135 T.) Price, 20¢.

A technical comprehensive report containing distribution surveys of the borer in Austria, Germany, Poland, Rumania, Czechoslovakia, Yugoslavia, and Greece, with studies of host plants, parasites, and control measures. Suitable for distribution to technical workers wherever engaged in the study of this pest.

<sup>1</sup> Succeeds post-card list beginning with July, 1929.

Yields of second-growth spruce and fir in the Northeast. Walter H. Meyer, Forest Service. 52 p., figs. 18, pls. 3. (Technical Bulletin 142 T.) Price, 15¢.

The pulp and paper industry is rapidly depleting the virgin forest in the Northeast and need is felt to have available correct information regarding the possible yields of second-growth timber coming in on cut-over lands.

Life history and habits of grasshopper mice, genus *Onychomys*. Part I, Vernon Bailey; Part II, Charles C. Sperry, Bureau of Biological Survey. 20 p., 4 pls., 1 fig., map. (Technical Bulletin 145 T.) Price, 10¢.

Gives a general account of the habits and life history of the grasshopper mice, with detailed report on the food of the genus as determined from laboratory examination of the contents of 96 stomachs of the mice collected in 13 States during every month of the year.

A method for determining the color of agricultural products. Dorothy Nickerson, Bureau of Agricultural Economics. 32 p., figs. 18. (Technical Bulletin 154 T.) Price, 10¢.

Experiments made on cotton are used throughout this bulletin as an example of what may be done with other products. They include spectrophotometric, photometric, and colorimetric measurements. The development of hay conversion tables is described.

### CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

Organization and management problems of cooperative oil associations in Minnesota. Rudolph K. Froker, Bureau of Agricultural Economics, and H. Bruce Price, University of Minnesota. 47 p., figs. 12. (Circular 80 C.) Price, 10¢.

The cooperative oil associations of Minnesota were selected for this study. Types of organization and methods of operation are presented.

The handling of California table grapes. C. W. Mann, Bureau of Plant Industry. 14 p., figs. 5. (Circular 83 C.) Price, 5¢.

Presents statistics as to the table-grape industry in California and discusses the factors to be considered in handling and packing.

Studies of cotton root rot at Greenville, Tex. Homer C. McNamara and Dalton R. Hooton, Bureau of Plant Industry. 16 p., figs. 5, pls. 4. (Circular 85 C.) Price, 10¢.

Records of the location and distribution of root rot on all plots of the United States Cotton-Breeding Field Station at Greenville, Tex., for the 8-year period from 1920 to 1927 form the basis of this report.

Market supplies and prices of apples. J. W. Park, Bureau of Agricultural Economics. 92 p., figs. 11. (Circular 91 C.) Price, 15¢.

This bulletin is a part of an economic study of the apple industry of the United States in cooperation with various State agencies.

Game birds suitable for naturalizing in the United States. W. L. McAtee, Bureau of Biological Survey. 24 p., 14 figs., 8 maps. (Circular 96-C.) Price, 10¢.

Discusses species that respond most successfully to naturalization and species considered undesirable for introduction. Contains maps showing annual precipitation and natural vegetation of the world, factors to be considered when a new game bird is to be tried out.

The farm real estate situation, 1928-29. E. H. Wiecking, Bureau of Agricultural Economics. 67 p., figs. 6. (Circular 101 C.) Price, 15¢.

Discusses the situation in general, farm real estate values, changes in farm ownership, farm credit, and farm real estate taxes.

### MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

The Food, Drug, and Insecticide Administration of the United States Department of Agriculture. 20 p. (Miscellaneous Publication 48 M.) Price, 10¢.

Enforcement of food and drugs act, tea act, import milk act, insecticide act, caustic poison act, and naval stores act.

Manual for bird banders. Frederick C. Lincoln, Bureau of Biological Survey, and S. Prentiss Baldwin, director of Baldwin Research Laboratory and honorary president of Regional Banding Associations. 112 p., figs. 70. (Miscellaneous Publication 58 M.) Price, 30¢.

Issued primarily for the bird-banding cooperators of the Bureau of Biological Survey and designed as a guide for all phases of their banding work. Instructions are given for constructing, baiting, and operating traps, for handling different kinds of birds, and for the keeping of required records.

List of available publications of the United States Department of Agriculture, June 1, 1929. Compiled by John O. Riley, Office of Information. 71 p. (Miscellaneous Publication 60 M.) Price 10¢.

Arranged alphabetically by subjects. Instructions to be followed in ordering publications, and rules governing the distribution are also given.

## SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey; and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area surveyed and to soil specialists. All requests for Soil Surveys are referred to the Bureau of Chemistry and Soils, which controls their distribution.

Iowa, Warren County. Price, 15¢.  
Michigan, Barry County. Price, 15¢.

Minnesota, Lac Qui Parle County. Price,  
15¢.  
North Dakota, Cass County. Price, 35¢.

## NORTH AMERICAN FAUNA

A technical series of the Bureau of Biological Survey devoted principally to revisions of genera of mammals and to biological surveys of States and other major areas. Of interest chiefly to professional biologists.

Revision of the American Chipmunks (Genera *Tamias* and *Eutamias*.) Arthur H. Howell, Bureau of Biological Survey. 157 p., figs. 9, pls. 10. (North American Fauna 52.) Price, 35¢.

Results of an intensive taxonomic study of more than 1,300 specimens of the eastern chipmunk, *Tamias*, and more than 13,000 of the western genus, *Eutamias*. In addition to a technical review of the forms, information is given regarding the distribution and habitat, food and economic status, and other points in the life history of these rodents. An annotated bibliography of more than 100 titles of the principal papers relating to American chipmunks since 1743 is appended.

## SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Amendments to standards for rough rice. Amendment No. 1 to Service and Regulatory Announcements No. 108. 2 p. (S. R. A.—B. A. E., 108, Amdt. 1.) Price, 5¢.

Classification of leaf tobacco covering classes, types, and groups of grades. Issued under authority of the tobacco stocks and standards act. 8 p. (S. R. A.—B. A. E. 118.) Price, 5¢.

Information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. pp. 87–97. November, 1929. (S. R. A., B. A. I., No. 270.) Price, 5¢.

Modification of satin-moth quarantine regulations. Amendment No. 1 to revised rules and regulations supplemental to Notice of Quarantine No. 53. (Revised.) 2 p. (P. Q. C. A.—Q. 53. Amdt. 1.) Price, 5¢.

Notices of judgment under the food and drugs act. Compiled by the Food, Drug, and Insecticide Administration. Price, 5¢ each.

(N. J. F. D. 16376–16400). pp. 235–265. December, 1929; (N. J. F. D. 16401–16425). pp. 267–290. December, 1929; (N. J. F. D. 16426–16450). pp. 291–302. November, 1929; (N. J. F. D. 16451–16475). pp. 303–314. December, 1929; (N. J. F. D. 16476–16500). pp. 315–325. December, 1929; (N. J. F. D. 16501–16525). pp. 327–337. December, 1929.

Pests collected from imported plants and plant products from Jan. 1 to Dec. 31, 1928, inc. Annual Letter of Information No. 41. P. Q. C. A. No. 97. Supplement.) 234 p. Price, 10¢.

Service and Regulatory Announcements, Bureau of Animal Industry, November, 1929. Service and Regulatory Announcements No. 271. pp. 99–106. (S. R. A.—B. A. I. 271.) Price, 5¢.

## OTHER PUBLICATIONS

Directory, Forest Service. October, 1929. 34 p. Price, 5¢.

A directory of officers of the United States Forest Service in Washington and in the field. Issued semiannually. For the exclusive use of the members of the Forest Service and cooperating bureaus.

The Macadamia nut in Hawaii. W. T. Pope, horticulturist. 23 p., figs. 9. Hawaii Bulletin 59.) Price, 10¢.

On account of the growing interest in Macadamia-nut culture in Hawaii, an effort has been made to bring together the more pertinent data on the subject and to place on record the results of investigations that have been in progress at the station for a number of years.





## PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

**Agricultural situation.** Vol. 13, No. 12. December 1, 1929. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.<sup>1</sup>

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

**Climatological data.** Vol. 16, No. 8. August, 1929.

In 42 sections, containing weather statistics for 42 separate sections, each corresponding, as a rule, to a State. Monthly information for 1 section is 50¢ a year; for data regarding all 42 sections, 35¢ a month, or \$4 a year.<sup>1</sup> Not for general distribution.

**Crops and markets.** Vol. 6, No. 11, November, 1929. Price, 5¢ a copy; 60¢ a year, domestic; 85¢ a year, foreign.<sup>1</sup>

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, condition and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

**Daily Weather Maps.** Limited editions. Not for general distribution.

Edition 1 contains forecasts for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, and Michigan. Editions issued at Washington, D. C., are 25¢ a month, \$2.50 a year. Edition 2 contains forecasts for the entire United States; 30¢ a month, \$3 a year. Neither edition furnished in quantities unless the order is placed with the Superintendent of Documents, in advance of issue. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States; 20¢ a month, \$2 a year.<sup>1</sup>

**Experiment Station Record.** Vol. 60, index number, January-June, 1929; vol. 61, No. 7, November, 1929. Single numbers for sale only. Price, 10¢.<sup>1</sup>

A technical review of the world's scientific literature pertaining to agriculture. Two volumes a year, of 10 numbers each; 75¢ a volume, domestic; \$1.25 a volume, foreign.

**Journal of Agricultural Research.** Vol. 39, No. 10, November 15, 1929; No. 11, December 1, 1929; No. 12, December 15, 1929. Illus. Price, 20¢ a copy; \$4 a year, domestic; \$5.25 a year, foreign. Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work. Separates of articles are distributed free to those desiring them as long as the limited supply lasts.

**Monthly Weather Review.** Vol. 57, No. 9, September, 1929. Illus. Price 15¢ a copy; \$1.50 a year, domestic; \$2.25 a year, foreign. Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretive summary, and (3) climatological tables.

**The Official Record.** Vol. 8, Nos. 49-52. December 5, 12, 19, 26, 1929. Price, 5¢ a copy; 50¢ a year, domestic; \$1.10 a year, foreign.<sup>1</sup>

Contains official orders and miscellaneous information concerning the department's activities and such other matter as should be brought to employees' attention.

**Public Roads.** Vol. 10. Price, 10¢ a copy; \$1 a year, domestic; \$1.50 a year foreign.<sup>1</sup>

No. 9, November, 1929. *Contents:* Earth pressure experiments on culvert pipes.  
No. 10, December, 1929. *Contents:* The mechanics of shear failures on clay slopes and the creep of retaining walls.

**Snow and Ice Bulletin.** No. 1, December 18, 1929; No. 2, December 27, 1929. 1 p., map. 50¢ a year. Free distribution limited to cooperators with the Weather Bureau.

Issued on Tuesdays during the winter. Based on data from regular Weather Bureau and selected cooperative stations. As far as practicable all reports of snow and ice are given.

**Weather outlook.** Limited edition. Not for general distribution.

Prepared at and distributed from the following forecast centers of the Weather Bureau: Washington, D. C., New Orleans, La., Chicago, Ill., Denver, Colo., and San Francisco, Calif.

**Weekly weather and crop bulletin.** Not for general distribution.

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.